

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	58
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD0563_01_s_2012_58				
Comment Code					
Inspector Comment					
The LMA has a copy of the O&M Manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	101
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD0563_01_s_2013_101				
Comment Code					
Inspector Comment					
The LMA maintains an adequate stockpile of flood fight supplies.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.00	Rating **	A	Issue No.	102
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD0563_01_s_2013_102				
Comment Code					
Inspector Comment					
The LMA has received flood fight training within the last two years.					

No Photos

LM Start	0.01	Rating **	M	Issue No.	117
LM End	12.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.235170 °	38.130680 °	
			-121.517418 °	-121.577980 °	
DWR ID	DWR_RD0563_01_s_2017_117				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.01	Rating **	M	Issue No.	118
LM End	12.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.235170 °	38.130680 °	
			-121.517418 °	-121.577980 °	
DWR ID	DWR_RD0563_01_s_2017_118				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.01	Rating **	M	Issue No.	130
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.235059 °	38.235059 °
				-121.517480 °	-121.517480 °
DWR ID	DWR_RD0563_01_f_2016_130				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	0.10	Rating **	M	Issue No.	59
LM End	0.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234113 °	38.234113 °
				-121.518467 °	-121.518467 °
DWR ID	DWR_RD0563_01_s_2013_59				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dead tree should be removed.					

Photo 1 of 1 : SP_2017_RD0563_210_59_20170313_00047.jpg



Looking north at untrimmed tree on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.11	Rating **	M	Issue No.	4
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.234018 °	38.234018 °
				-121.518547 °	-121.518547 °
DWR ID	DWR_RD0563_01_s_2012_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.12	Rating **	M	Issue No.	28	
LM End	0.14	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.233910 °		38.233655 °
				-121.518722 °		-121.519000 °
DWR ID	DWR_RD0563_01_s_2012_28					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

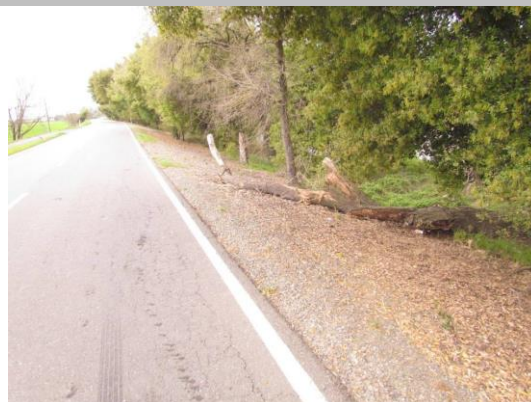
Photo 1 of 1 : SP_2017_RD0563_210_28_20170313_00024.jpg



Looking southeast at landscaping on landside slope and toe.

LM Start	0.17	Rating **	M	Issue No.	32
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.233315 °	38.233315 °
				-121.519360 °	-121.519360 °
DWR ID	DWR_RD0563_01_s_2012_32				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree fallen across waterward slope.					

Photo 1 of 2 : SP_2017_RD0563_210_32_20170316_00235.jpg



Looking downstream at tree branch on waterward slope. (Spring 2017)

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.17	Rating **	M	Issue No.	32 (cont)
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.233315 °	38.233315 °
				-121.519360 °	-121.519360 °
DWR ID	DWR_RD0563_01_s_2012_32				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree fallen across waterward slope.					

Photo 2 of 2 : SP_2017_RD0563_210_32_20170313_00027.jpg



Looking downstream at fallen tree limb on waterside slope. (Spring 2016)

LM Start	0.19	Rating **	M	Issue No.	2
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.233126 °	38.232425 °
				-121.519525 °	-121.520287 °
DWR ID	DWR_RD0563_01_s_2012_2				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.20	Rating **	C	Issue No.	18
LM End	0.20	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.232967 °	38.232967 °
				-121.519727 °	-121.519727 °
DWR ID	DWR_RD0563_01_f_2014_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.29	Rating **	M	Issue No.	168
LM End	0.29	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231955 °	38.231955 °
				-121.520728 °	-121.520728 °
DWR ID	DWR_RD0563_01_f_2016_168				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_168_20170313_00139.jpg



Looking east at untrimmed tree on landward slope.

LM Start	0.33	Rating **	U	Issue No.	135
LM End	0.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.231548 °	38.231548 °
				-121.521140 °	-121.521140 °
DWR ID	DWR_RD0563_01_f_2015_135				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on landward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_135_20170313_00111.jpg



Looking southeast at untrimmed tree on landward slope.

* Location
LS : Land Side N/A : Not Applicable
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CR : Crown

** Rating
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+ Issue Type
Ma : Maintenance Deficiency
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.35	Rating **	C	Issue No.	136
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.231317 °	38.230987 °
				-121.521378 °	-121.521741 °
DWR ID	DWR_RD0563_01_f_2015_136				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense willows on waterward slope within twenty foot zone.					

No Photos

LM Start	0.39	Rating **	M	Issue No.	16
LM End	0.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.230841 °	38.230841 °
				-121.521898 °	-121.521898 °
DWR ID	DWR_RD0563_01_f_2013_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage is due to fishermen vehicle traffic.					

Photo 1 of 1 : SP_2017_RD0563_210_16_20170313_00016.jpg



Looking southwest at slope damage caused by vehicle traffic.

LM Start	0.40	Rating **	U	Issue No.	119
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.230750 °	38.230750 °
				-121.521997 °	-121.521997 °
DWR ID	DWR_RD0563_01_s_2017_119				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Large fallen tree pruning piles on waterward slope should be discard.					

Photo 1 of 1 : SP_2017_RD0563_210_119_20170316_00236.jpg



Looking south at pruning pile on waterward shoulder and slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.43	Rating **	M	Issue No.	26
LM End	0.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.230460 °	38.230460 °
				-121.522324 °	-121.522324 °
DWR ID	DWR_RD0563_01_f_2013_26				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage due to fishermen vehicle traffic.					

Photo 1 of 1 : SP_2017_RD0563_210_26_20170313_00022.jpg



Looking northwest at slope damage caused by vehicle traffic.

LM Start	0.49	Rating **	A/W	Issue No.	138
LM End	0.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.229787 °	38.228094 °
				-121.523001 °	-121.525188 °
DWR ID	DWR_RD0563_01_f_2015_138				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense johnson grasses on landward slope.					

Photo 1 of 2 : SP_2017_RD0563_210_138_20170313_00113.jpg



Looking west at dense veg on landward slope.

LM Start	0.49	Rating **	A/W	Issue No.	138 (cont)
LM End	0.65	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_138_20170313_00114.jpg



Looking east at dense veg on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.56	Rating **	M	Issue No.	34
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.228948 °	38.228948 °
				-121.523904 °	-121.523904 °
DWR ID	DWR_RD0563_01_f_2013_34				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage is due to fishermen vehicle traffic.					

Photo 1 of 1 : SP_2017_RD0563_210_34_20170313_00029.jpg



Looking northwest at slope damage caused by vehicle traffic.

LM Start	0.60	Rating **	C	Issue No.	139
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.228605 °	38.228605 °
				-121.524364 °	-121.524364 °
DWR ID	DWR_RD0563_01_f_2015_139				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.61	Rating **	M	Issue No.	143
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.228507 °	38.228507 °
				-121.524543 °	-121.524543 °
DWR ID	DWR_RD0563_01_f_2014_143				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Slope damage due to vehicle traffic.					

Photo 1 of 2 : SP_2017_RD0563_210_143_20170313_00127.jpg



Looking southeast at slope damage on waterward slope.

LM Start	0.61	Rating **	M	Issue No.	143 (cont)
LM End	0.61	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0563_210_143_20170313_00128.jpg



Looking northwest at slope damage on waterward slope.

LM Start	0.62	Rating **	C	Issue No.	169
LM End	0.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.228372 °	38.228209 °
				-121.524709 °	-121.524982 °
DWR ID	DWR_RD0563_01_f_2016_169				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.72	Rating **	C	Issue No.	754
LM End	0.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.227287 °	38.226376 °
				-121.525832 °	-121.525908 °
DWR ID	DWR_RD0563_01_s_2015_754				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	0.73	Rating **	U	Issue No.	3
LM End	0.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.227169 °	38.226370 °
				-121.525892 °	-121.525912 °
DWR ID	DWR_RD0563_01_s_2012_3				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense veg on waterward slope.					

Photo 1 of 2 : SP_2017_RD0563_210_3_20170313_00001.jpg



Looking east at untrimmed trees on waterward slope. (Fall 2016)

LM Start	0.73	Rating **	U	Issue No.	3 (cont)
LM End	0.79	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2017_RD0563_210_3_20170313_00002.jpg



Looking east at untrimmed trees on waterward slope and toe. (Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.87	Rating **	M	Issue No.	120
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.225488 °	38.225488 °
				-121.526838 °	-121.526838 °
DWR ID	DWR_RD0563_01_s_2017_120				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterward slope.					

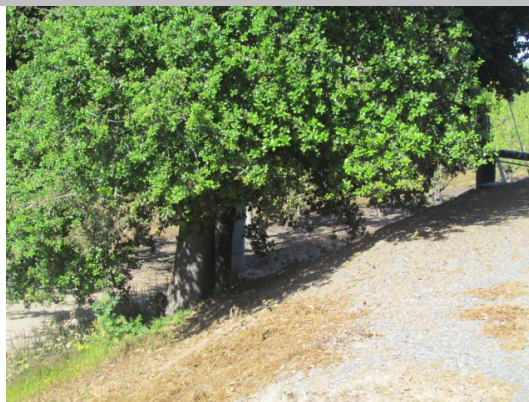
Photo 1 of 1 : SP_2017_RD0563_210_120_20170316_00237.jpg



Looking southwest at fallen tree on waterward slope.

LM Start	0.92	Rating **	U	Issue No.	755
LM End	0.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225549 °	38.225549 °
				-121.527658 °	-121.527658 °
DWR ID	DWR_RD0563_01_s_2015_755				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_755_20170313_00144.jpg



Looking southeast at untrimmed tree on landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.95	Rating **	U	Issue No.	121
LM End	0.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.225808 °	38.225808 °
				-121.528197 °	-121.528197 °
DWR ID	DWR_RD0563_01_s_2017_121				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several large rodent holes on landward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_121_20170316_00238.jpg



Looking at typical rodent hole within this reach.

LM Start	0.98	Rating **	U	Issue No.	756
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226011 °	38.226011 °
				-121.528524 °	-121.528524 °
DWR ID	DWR_RD0563_01_s_2015_756				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_756_20170313_00145.jpg



Looking southeast at untrimmed tree on landward slope.

LM Start	0.99	Rating **	M	Issue No.	147
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226138 °	38.226138 °
				-121.528745 °	-121.528745 °
DWR ID	DWR_RD0563_01_f_2014_147				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	0.99	Rating **	M	Issue No.	132
LM End	0.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226149 °	38.226149 °
				-121.528789 °	-121.528789 °
DWR ID	DWR_RD0563_01_s_2016_132				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Small trees on landward shoulder be removed.					

Photo 1 of 1 : SP_2017_RD0563_210_132_20170313_00109.jpg



Looking southeast at several small trees at landward toe.

LM Start	1.01	Rating **	M	Issue No.	757
LM End	1.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226294 °	38.226294 °
				-121.529055 °	-121.529055 °
DWR ID	DWR_RD0563_01_s_2015_757				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_757_20170313_00146.jpg



Looking at untrimmed trees on landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.02	Rating **	M	Issue No.	48
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.226522 °	38.227157 °
				-121.529094 °	-121.530432 °
DWR ID	DWR_RD0563_01_s_2016_48				
Comment Code					
Inspector Comment					
2011 - Short sections of eroding bank at the waterline and holes in toe of levee. 2012 - Site extended upstream. 2013 - Erosion pockets filled with an insufficient amounts of revetment. 2015: Last observed in 2013. [2015 Site ID: GEO_11-0_L]					

Photo 1 of 1 : SP_2017_RD0563_210_48_20170313_00041.jpg



USACE 2013 Photo #1

LM Start	1.09	Rating **	M	Issue No.	758
LM End	1.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226892 °	38.227053 °
				-121.530234 °	-121.530632 °
DWR ID	DWR_RD0563_01_s_2015_758				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.15	Rating **	U	Issue No.	153
LM End	1.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.226910 °	38.226910 °
				-121.531294 °	-121.531294 °
DWR ID	DWR_RD0563_01_f_2015_153				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Several large to medium rodent holes noted.					

Photo 1 of 1 : SP_2017_RD0563_210_153_20170313_00134.jpg



Looking at typical view of several rodent holes on landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.17	Rating **	U	Issue No.	140
LM End	1.17	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226760 °	38.226760 °
				-121.531683 °	-121.531683 °
DWR ID	DWR_RD0563_01_s_2014_140				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree blocking view of landward slope and toe.					

Photo 1 of 1 : SP_2017_RD0563_210_140_20170313_00120.jpg



Looking southeast at untrimmed tree at landward toe.

LM Start	1.22	Rating **	M	Issue No.	5
LM End	1.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.226326 °	38.226326 °
				-121.532298 °	-121.532298 °
DWR ID	DWR_RD0563_01_s_2012_5				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_5_20170313_00003.jpg



Looking south at untrimmed trees on landward slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.22	Rating **	M	Issue No.	170
LM End	1.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.226316 °	38.226021 °
				-121.532342 °	-121.532591 °
DWR ID	DWR_RD0563_01_f_2016_170				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove cactus on landward slope.					

Photo 1 of 2 : SP_2017_RD0563_210_170_20170313_00141.jpg



LM Start	1.22	Rating **	M	Issue No.	170 (cont)
LM End	1.25	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_170_20170313_00142.jpg



Looking southeast at cactus on landward slope.

LM Start	1.27	Rating **	M	Issue No.	64
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225730 °	38.225730 °
				-121.532824 °	-121.532824 °
DWR ID	DWR_RD0563_01_f_2012_64				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trees located at landside toe.					

Photo 1 of 1 : SP_2017_RD0563_210_64_20170313_00050.jpg



Looking southeast at fruit trees on landside toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.32	Rating **	U	Issue No.	79
LM End	1.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.225177 °	38.225177 °
				-121.533285 °	-121.533285 °
DWR ID	DWR_RD0563_01_f_2013_79				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_79_20170313_00077.jpg



Looking northeast at untrimmed trees on landward slope and toe.

LM Start	1.39	Rating **	C	Issue No.	19
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.224367 °	38.224367 °
				-121.534165 °	-121.534165 °
DWR ID	DWR_RD0563_01_s_2012_19				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree along waterside slope.					

No Photos

LM Start	1.40	Rating **	C	Issue No.	6
LM End	1.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224280 °	38.224000 °
				-121.534377 °	-121.535038 °
DWR ID	DWR_RD0563_01_s_2012_6				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Century plant is dead but should be monitored to ensure no future growth.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.42	Rating **	M	Issue No.	759
LM End	1.42	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.224150 °	38.224150 °
				-121.534565 °	-121.534565 °
DWR ID	DWR_RD0563_01_s_2015_759				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_759_20170313_00147.jpg



Looking northwest at untrimmed trees on waterward slope and toe.

LM Start	1.43	Rating **	C	Issue No.	156
LM End	1.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224069 °	38.223628 °
				-121.534836 °	-121.536419 °
DWR ID	DWR_RD0563_01_f_2015_156				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Willows on waterward slope within twenty foot zone.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.48	Rating **	U	Issue No.	760
LM End	1.48	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.223835 °	38.223835 °
				-121.535605 °	-121.535605 °
DWR ID	DWR_RD0563_01_s _ 2015_760				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_760_20170313_00148.jpg



Looking upstream at untrimmed tree on waterward slope.

LM Start	1.59	Rating **	M	Issue No.	56
LM End	1.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.223332 °	38.223247 °
				-121.537635 °	-121.538095 °
DWR ID	DWR_RD0563_01_s _ 2012_56				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.73	Rating **	C	Issue No.	83
LM End	1.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.222967 °	38.222967 °
				-121.540055 °	-121.540055 °
DWR ID	DWR_RD0563_01_s _ 2012_83				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	1.86	Rating **	M	Issue No.	761
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.222718 °	38.222718 °
				-121.542563 °	-121.542563 °
DWR ID	DWR_RD0563_01_s_2015_761				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	1.95	Rating **	M	Issue No.	71
LM End	1.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.221826 °	38.221826 °
				-121.543467 °	-121.543467 °
DWR ID	DWR_RD0563_01_f_2012_71				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Erosion around irrigation pump house and pipe on landside slope.					

Photo 1 of 2 : SP_2017_RD0563_210_71_20170313_00055.jpg



Looking west at erosion at landside toe and slope next to pump house.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.19	Rating **	M	Issue No.	33
LM End	2.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.218463 °	38.218463 °
				-121.542650 °	-121.542650 °
DWR ID	DWR_RD0563_01_s_2012_33				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes on landside shoulder.					

Photo 1 of 1 : SP_2017_RD0563_210_33_20170313_00028.jpg



Looking southeast at squirrel holes on landside shoulder.

LM Start	2.25	Rating **	U	Issue No.	116
LM End	2.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.217588 °	38.217588 °
				-121.542520 °	-121.542520 °
DWR ID	DWR_RD0563_01_s_2017_116				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
LMA found the erosion while on patrol during the February Storm 2017.					

No Photos

LM Start	2.26	Rating **	A/W	Issue No.	148
LM End	2.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.217543 °	38.217543 °
				-121.542478 °	-121.542478 °
DWR ID	DWR_RD0563_01_f_2014_148				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.33	Rating **	M	Issue No.	66
LM End	3.65	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.216733 °	38.203056 °
				-121.541672 °	-121.539749 °
DWR ID	DWR_RD0563_01_s_2013_66				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
The roadway is passable, but should be bladed to maintain a good roadway with good gravel and a smooth surface. Some material may need to be added.					

Photo 1 of 1 : SP_2017_RD0563_210_66_20170316_00244.jpg



Looking south at several potholes/ruts on levee crown.

LM Start	2.40	Rating **	U	Issue No.	12
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216122 °	38.216047 °
				-121.540555 °	-121.540415 °
DWR ID	DWR_RD0563_01_s_2012_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Dense elderberry on waterward shoulder and slope.					

Photo 1 of 3 : SP_2017_RD0563_210_12_20170316_00245.jpg



Looking southwest at dense elderberries on waterward shoulder and slope. (Spring 2017)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.40	Rating **	U	Issue No.	12 (cont)
LM End	2.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.216122°	38.216047°
				-121.540555°	-121.540415°
DWR ID	DWR_RD0563_01_s_2012_12				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Dense elderberry on waterward shoulder and slope.					

Photo 2 of 3 : SP_2017_RD0563_210_12_20170313_00012.jpg



Looking south at dense elderberry on waterward shoulder and slope.
(Spring 2015)

LM Start	2.40	Rating **	U	Issue No.	12 (cont)
LM End	2.41	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2017_RD0563_210_12_20170313_00013.jpg



Looking southwest at dense elderberry on waterside shoulder and slope.
(Fall 2014)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.53	Rating **	M	Issue No.	85
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.215082 °	38.214852 °
				-121.538652 °	-121.538305 °
DWR ID	DWR_RD0563_01_s_2012_85				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes not visible due to dense veg on landward slope.					

LM Start	2.53	Rating **	M	Issue No.	85 (cont)
LM End	2.55	Issue Type +	Ma	Location *	LS

Photo 1 of 4 : SP_2017_RD0563_210_85_20170313_00081.jpg



Looking west at rodent hole on landside slope.

Photo 2 of 4 : SP_2017_RD0563_210_85_20170313_00082.jpg



Looking east at rodent hole on landside slope.

LM Start	2.53	Rating **	M	Issue No.	85 (cont)
LM End	2.55	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2017_RD0563_210_85_20170313_00083.jpg



Looking southwest at rodent holes on landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.53	Rating **	M	Issue No.	85 (cont)	
LM End	2.55	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.215082 °		38.214852 °
				-121.538652 °		-121.538305 °
DWR ID	DWR_RD0563_01_s_2012_85					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Rodent holes not visible due to dense veg on landward slope.						

Photo 4 of 4 : SP_2017_RD0563_210_85_20170313_00084.jpg



Looking northeast at rodent holes on landside slope.

LM Start	2.53	Rating **	C	Issue No.	20
LM End	2.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.215047 °	38.215047 °
				-121.538604 °	-121.538604 °
DWR ID	DWR_RD0563_01_s_2012_20				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.61	Rating **	M	Issue No.	39
LM End	2.82	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.214133 °	38.211737 °
				-121.537778 °	-121.535436 °
DWR ID	DWR_RD0563_01_s_2016_39				
Comment Code					
Inspector Comment					
1997 - Loss of rock at toe; pockets of upper berm erosion; very narrow berm width; toe rock problem; erosion pockets in rock. 2002 - New brush boxes at toe of the worst spots. 2005 - Upstream 200 ft removed because of the wide berm. 2006 - Some rock repair pockets behind the brush boxes at the upstream end. 2010 - Some new erosion. 2013 - New rock placed on the levee slope. 2015: Last observed in 2013. [2015 Site ID: GEO_9-3_L]					

Photo 1 of 1 : SP_2017_RD0563_210_39_20170313_00032.jpg



USACE 2013 Photo #1

LM Start	2.67	Rating **	C	Issue No.	149
LM End	2.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.213460 °	38.213460 °
				-121.537085 °	-121.537085 °
DWR ID	DWR_RD0563_01_f_2014_149				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.70	Rating **	M	Issue No.	162
LM End	2.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.213096 °	38.213096 °
				-121.536738 °	-121.536738 °
DWR ID	DWR_RD0563_01_s_2016_162				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Untrimmed tree on waterward shoulder.					

No Photos

LM Start	2.81	Rating **	M	Issue No.	158
LM End	2.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.211967 °	38.211967 °
				-121.535487 °	-121.535487 °
DWR ID	DWR_RD0563_01_f_2015_158				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.89	Rating **	M	Issue No.	104
LM End	2.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.210966 °	38.210966 °
				-121.534813 °	-121.534813 °
DWR ID	DWR_RD0563_01_f_2013_104				
Comment Code					
MA : Material					
Inspector Comment					
Landowner stockpiled concrete rubble on landward and waterward slope to stop trespassers. Landowner should replace the stockpile with a proper fence.					

Photo 1 of 2 : SP_2017_RD0563_210_104_20170313_00105.jpg



Looking west at concrete rubble on waterward shoulder and slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	2.89	Rating **	M	Issue No.	104 (cont)	
LM End	2.89	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.210966 °	38.210966 °	
				-121.534813 °	-121.534813 °	
DWR ID	DWR_RD0563_01_f_2013_104					
Comment Code						
MA : Material						
Inspector Comment						
Landowner stockpiled concrete rubble on landward and waterward slope to stop trespassers. Landowner should replace the stockpile with a proper fence.						

Photo 2 of 2 : SP_2017_RD0563_210_104_20170313_00106.jpg



Looking east at concrete rubble on landward slope.

LM Start	2.93	Rating **	U	Issue No.	67
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210472 °	38.210358 °
				-121.535175 °	-121.535478 °
DWR ID	DWR_RD0563_01_s_2012_67				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead Vines (Berry or wildroses) on landside toe.					

Photo 1 of 2 : SP_2017_RD0563_210_67_20170316_00249.jpg



Looking east at dead berryvines at landward toe. (Spring 2017)

LM Start	2.93	Rating **	U	Issue No.	67 (cont)
LM End	2.95	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_67_20170313_00051.jpg



Looking east at dead berryvines at landward toe. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	3.02	Rating **	U	Issue No.	74
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210212 °	38.209165 °
				-121.536728 °	-121.539920 °
DWR ID	DWR_RD0563_01_s_2012_74				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead berryvines at landside toe blocking view of toe.					

Photo 1 of 3 : SP_2017_RD0563_210_74_20170316_00250.jpg



Looking southeast at dead berryvines along landward toe and berm. (Spring 2017)

LM Start	3.02	Rating **	U	Issue No.	74 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2017_RD0563_210_74_20170313_00059.jpg



Looking southeast at berryvines at landward toe., (Spring 2016)

LM Start	3.02	Rating **	U	Issue No.	74 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_RD0563_210_74_20170313_00060.jpg



Looking southeast at dense berryvines at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	3.06	Rating **	U	Issue No.	78
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.210240 °	38.210240 °
				-121.537517 °	-121.537517 °
DWR ID	DWR_RD0563_01_s_2012_78				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Slope damage on landward shoulder and slope has been in place for several inspection cycles.					

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 1 of 4 : SP_2017_RD0563_210_78_20170316_00251.jpg



Looking north at rain runoff erosion on landward slope. (Spring 2017)

Photo 2 of 4 : SP_2017_RD0563_210_78_20170313_00072.jpg



Looking west at rain runoff erosion on landward slope. (Spring 2016)

LM Start	3.06	Rating **	U	Issue No.	78 (cont)
LM End	3.06	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2017_RD0563_210_78_20170313_00075.jpg



Looking east at slope erosion. (Updated Spring 2012)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	3.06	Rating **	U	Issue No.	78 (cont)	
LM End	3.06	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.210240 °		38.210240 °
				-121.537517 °		-121.537517 °
DWR ID	DWR_RD0563_01_s_2012_78					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Slope damage on landward shoulder and slope has been in place for several inspection cycles.						

Photo 4 of 4 : SP_2017_RD0563_210_78_20170313_00076.jpg



Looking west at slope erosion cause by runoff on landside slope.

LM Start	3.11	Rating **	U	Issue No.	763
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.210005 °	38.209229 °
				-121.538452 °	-121.539855 °
DWR ID	DWR_RD0563_01_s_2015_763				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation (willows) at landward toe.					

Photo 1 of 2 : SP_2017_RD0563_210_763_20170313_00149.jpg



Looking south at dense vegetation (willows) at landward toe. (Spring 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	3.11	Rating **	U	Issue No.	763 (cont)	
LM End	3.21	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.210005 °		38.209229 °
				-121.538452 °		-121.539855 °
DWR ID	DWR_RD0563_01_s_2015_763					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dense vegetation (willows) at landward toe.						

Photo 2 of 2 : SP_2017_RD0563_210_763_20170313_00150.jpg



Looking south at dense vegetation at landward slope and toe. (Spring 2015)

LM Start	3.21	Rating **	U	Issue No.	68
LM End	3.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.209217 °	38.209217 °
				-121.539823 °	-121.539823 °
DWR ID	DWR_RD0563_01_s_2012_68				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 2 : SP_2017_RD0563_210_68_20170313_00053.jpg



Looking south at dense trees on landward slope.

LM Start	3.21	Rating **	U	Issue No.	68 (cont)
LM End	3.21	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_68_20170313_00054.jpg



Looking southeast at dense trees on landside slope and toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	3.26	Rating **	M	Issue No.	764
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.208593 °	38.208593 °
				-121.540332 °	-121.540332 °
DWR ID	DWR_RD0563_01_s_2015_764				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	3.91	Rating **	M	Issue No.	38
LM End	4.01	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.200733 °	38.199925 °
				-121.542571 °	-121.544249 °
DWR ID	DWR_RD0563_01_s_2016_38				
Comment Code					
Inspector Comment					
1997 - Narrow eroding berm upstream of existing rock. 2001 - Staked, low fascine walls at bankline. 2011 - Minor new erosion. Site extended downstream. 2012 - Rock repair failing in one erosion pocket. 2015: Last observed in 2013. [2015 Site ID: GEO_8-3_L]					

Photo 1 of 1 : SP_2017_RD0563_210_38_20170313_00031.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	4.41	Rating **	C	Issue No.	171
LM End	4.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.195037 °	38.195037 °
				-121.547929 °	-121.547929 °
DWR ID	DWR_RD0563_01_f_2016_171				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree limbs on waterward slope.					

No Photos

LM Start	4.63	Rating **	U	Issue No.	88
LM End	4.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.193078 °	38.192980 °
				-121.551047 °	-121.551263 °
DWR ID	DWR_RD0563_01_s_2012_88				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fig tree and pine trees block view of landward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_88_20170313_00086.jpg



Looking south at dense trees on landside slope and toe.

LM Start	4.98	Rating **	M	Issue No.	45
LM End	5.04	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.190073 °	38.189524 °
				-121.556307 °	-121.557227 °
DWR ID	DWR_RD0563_01_s_2016_45				
Comment Code					
Inspector Comment					
2009 - Small scallops of erosion into the levee toe behind brush boxes. 2011 - Minor new erosion. 2012 - Site extended upstream to account for addition erosion pockets. 2015: Last observed in 2013. [2015 Site ID: GEO_7-2_L]					

Photo 1 of 1 : SP_2017_RD0563_210_45_20170313_00038.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

Photo 1 of 1 : SP_2017_RD0563_210_46_20170313_00039.jpg



USACE 2013 Photo #1

Photo 1 of 1 : SP_2017_RD0563_210_163_20170313_00137.jpg



Looking west at garbage on waterward slope.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	5.40	Rating **	M	Issue No.	24
LM End	5.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.185772 °	38.185595 °
				-121.561613 °	-121.562228 °
DWR ID	DWR_RD0563_01_s_2013_24				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.49	Rating **	M	Issue No.	55
LM End	6.27	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.185479 °	38.181359 °
				-121.563296 °	-121.576292 °
DWR ID	DWR_RD0563_01_s_2016_55				
Comment Code					
Inspector Comment					
1997 - Deep pockets of erosion and narrow berm. Reach is characterized by lots of pockets into the existing berm and/or levee slope. 1999 - Some pockets filled with rock riprap. 2000 - Exposed fabric. 2001 - Staked, low fascine walls at bankline. 2002 - New spot of rock at upstream end. Some new brush boxes. 2005 - Some stone sliding off the underlying geotextile fabric. Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2009 - Minimal new erosion, site length extended. 2010 - New erosion on downstream end, site extended downstream. 2011 - Sites 6.1. 6.4 and 6.6 were combined. New erosion pockets, site extended to include the erosion in between the old sites. 2012 - Rock has been placed in portions of the bank since last year. 2015: Last observed in 2013. [2015 Site ID: GEO_6-3_L]					

Photo 1 of 1 : SP_2017_RD0563_210_55_20170313_00044.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	5.88	Rating **	M	Issue No.	126
LM End	5.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.182302 °	38.182302 °
				-121.569232 °	-121.569232 °
DWR ID	DWR_RD0563_01_s_2017_126				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings stock pile on waterward slope and berm.					

Photo 1 of 1 : SP_2017_RD0563_210_126_20170316_00256.jpg



Looking west at small pruning pile on waterward slope.

LM Start	5.92	Rating **	U	Issue No.	22
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.181965 °	38.181763 °
				-121.569913 °	-121.570447 °
DWR ID	DWR_RD0563_01_s_2012_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Large cactus on landward slope.					

Photo 1 of 2 : SP_2017_RD0563_210_22_20170313_00018.jpg



Large cactus plant on landward slope from LM 6.04 to 6.08

LM Start	5.92	Rating **	U	Issue No.	22 (cont)
LM End	5.96	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_22_20170313_00019.jpg



Looking downstream at dense cactus on landward slope. (Fall 2016)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	5.96	Rating **	M	Issue No.	35
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.181732 °	38.181732 °
				-121.570524 °	-121.570524 °
DWR ID	DWR_RD0563_01_s_2012_35				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	5.98	Rating **	M	Issue No.	127
LM End	5.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.181622 °	38.181622 °
				-121.570887 °	-121.570887 °
DWR ID	DWR_RD0563_01_s_2017_127				
Comment Code					
GA : Garbage					
Inspector Comment					
Sofa on waterward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_127_20170316_00257.jpg



Looking southwest at sofa on waterward slope.

LM Start	6.26	Rating **	M	Issue No.	23
LM End	6.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.181273 °	38.181165 °
				-121.575873 °	-121.576217 °
DWR ID	DWR_RD0563_01_s_2012_23				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_23_20170313_00020.jpg



Looking south at trees on landward shoulder.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	6.38	Rating **	M	Issue No.	44
LM End	6.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.180462 °	38.179319 °
				-121.577895 °	-121.578566 °
DWR ID	DWR_RD0563_01_s_2016_44				
Comment Code					
Inspector Comment					
2013 - Erosion pockets into the levee prism. Erosion pockets primarily located behind unmaintained brush boxes. 2015: Last observed in 2013. [2015 Site ID: GEO_5-8_L]					

Photo 1 of 1 : SP_2017_RD0563_210_44_20170313_00037.jpg



USACE 2013 Photo #1

LM Start	6.59	Rating **	U	Issue No.	164
LM End	6.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.177438 °	38.177033 °
				-121.579151 °	-121.579344 °
DWR ID	DWR_RD0563_01_s_2016_164				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation (vines) at landward toe.					

Photo 1 of 1 : SP_2017_RD0563_210_164_20170313_00138.jpg



Looking east at dense vegetation (vines) at landward toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	6.64	Rating **	M	Issue No.	766
LM End	6.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.176820 °	38.176820 °
				-121.579444 °	-121.579444 °
DWR ID	DWR_RD0563_01_s_2015_766				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.64	Rating **	M	Issue No.	51
LM End	7.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.176861 °	38.167959 °
				-121.579747 °	-121.581616 °
DWR ID	DWR_RD0563_01_s_2016_51				
Comment Code					
Inspector Comment					
1997 - Pocket erosion into the toe of the levee. 2000 - Scallops in banks with small colored flags, biotech rolls present. 2001 - Staked, low fascine walls at bankline. 2003 - Still have visibly bad spots, especially at the upstream end. 2005 - Some new brush bundles in the brush boxes; some with missing bundles. Some boxes too low relative to high tide. 2010 - Site extended upstream. 2011 - Minor new erosion. 2015: Last observed in 2013. [2015 Site ID: GEO_5-3_L]					

Photo 1 of 1 : SP_2017_RD0563_210_51_20170313_00042.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	6.67	Rating **	U	Issue No.	128
LM End	6.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.176387 °	38.176387 °
				-121.579670 °	-121.579670 °
DWR ID	DWR_RD0563_01_s_2017_128				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Broken tree branches and limbs on landward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_128_20170316_00258.jpg



Looking east at broken tree limbs on landward slope.

LM Start	6.75	Rating **	U	Issue No.	145
LM End	6.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.175219 °	38.174743 °
				-121.580053 °	-121.580016 °
DWR ID	DWR_RD0563_01_s_2014_145				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Untrimmed trees blocking view of landward toe.					

Photo 1 of 1 : SP_2017_RD0563_210_145_20170313_00129.jpg



Looking southeast at dense vegetation on landward slope and toe.

LM Start	6.89	Rating **	M	Issue No.	87
LM End	6.89	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.173323 °	38.173323 °
				-121.579628 °	-121.579628 °
DWR ID	DWR_RD0563_01_s_2013_87				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	6.95	Rating **	M	Issue No.	95
LM End	6.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.172351 °	38.172351 °
				-121.579520 °	-121.579520 °
DWR ID	DWR_RD0563_01_f_2012_95				
Comment Code					
PR : Prunings					
Inspector Comment					
Prunings should be burned or removed from waterward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_95_20170313_00096.jpg



Looking southwest at prunings on waterward slope.

LM Start	7.06	Rating **	U	Issue No.	151
LM End	7.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.170827 °	38.169705 °
				-121.579902 °	-121.580355 °
DWR ID	DWR_RD0563_01_f_2014_151				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense berryvines at landward toe.					

Photo 1 of 1 : SP_2017_RD0563_210_151_20170313_00133.jpg



Looking southeast at dense vegetation at landward toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	7.42	Rating **	U	Issue No.	27
LM End	7.47	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.165981 °	38.165273 °
				-121.582394 °	-121.582593 °
DWR ID	DWR_RD0563_01_s_2015_27				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation at landward toe.					

Photo 1 of 1 : SP_2017_RD0563_210_27_20170313_00023.jpg



Looking southeast at dense vegetation within landward right away.

LM Start	7.53	Rating **	U	Issue No.	53
LM End	7.80	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.164462 °	38.160888 °
				-121.583092 °	-121.584807 °
DWR ID	DWR_RD0563_01_s_2016_53				
Comment Code					
Inspector Comment					
1997 - Pocket erosion at upstream end and into the levee toe under the Alder trees. 2003 - New brush boxes with wattles on bank. 2004 - No brush boxes. 2005 - Site extended from the downstream side of the bridge. Whole bank is vertical. 2010 - Some minor new erosion. 2011 - Site upgraded to CRITICAL. New erosion pockets throughout the site. Sites 4.5, and 4.6 were combined. 2015: Last observed in 2013. [2015 Site ID: GEO_4-5_L]					

Photo 1 of 1 : SP_2017_RD0563_210_53_20170313_00043.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	7.62	Rating **	M	Issue No.	97
LM End	7.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.163240 °	38.163240 °
				-121.583328 °	-121.583328 °
DWR ID	DWR_RD0563_01_s_2013_97				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Minor erosion on landside shoulder and slope.					

Photo 1 of 1 : SP_2017_RD0563_210_97_20170313_00098.jpg



Looking east at slope erosion on landward shoulder and slope.

LM Start	7.74	Rating **	M	Issue No.	29
LM End	7.78	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.161607 °	38.161092 °
				-121.584258 °	-121.584470 °
DWR ID	DWR_RD0563_01_s_2012_29				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Dense (untrimmed) trees on landward slope.					

Photo 1 of 1 : SP_2017_RD0563_210_29_20170313_00025.jpg



Looking southeast at dense trees on landward slope and toe.

LM Start	7.79	Rating **	C	Issue No.	165
LM End	7.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.160997 °	38.160997 °
				-121.584539 °	-121.584539 °
DWR ID	DWR_RD0563_01_s_2016_165				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Dead tree branch on waterward slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	7.80	Rating **	U	Issue No.	90
LM End	7.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.160800 °	38.160487 °
				-121.584598 °	-121.584717 °
DWR ID	DWR_RD0563_01_s_2012_90				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berryvines and willows on landside toe.					

Photo 1 of 5 : SP_2017_RD0563_210_90_20170313_00087.jpg



Looking southeast at dense vegetation at landward toe. (Spring 2015)

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.82	Issue Type +	Ma	Location *	LS

Photo 2 of 5 : SP_2017_RD0563_210_90_20170313_00088.jpg



Looking northeast at dense vegetation on landside toe.

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.82	Issue Type +	Ma	Location *	LS

Photo 3 of 5 : SP_2017_RD0563_210_90_20170313_00089.jpg



Looking south at dense vegetation on landside toe. (2012 Fall Inspection)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	7.80	Rating **	U	Issue No.	90 (cont)	
LM End	7.82	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.160800 °		38.160487 °
				-121.584598 °		-121.584717 °
DWR ID	DWR_RD0563_01_s_2012_90					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Berryvines and willows on landside toe.						

Photo 4 of 5 : SP_2017_RD0563_210_90_20170313_00090.jpg



Looking northeast at dense vegetation on landside toe. (2012 Fall Inspection)

LM Start	7.80	Rating **	U	Issue No.	90 (cont)
LM End	7.82	Issue Type +	Ma	Location *	LS

Photo 5 of 5 : SP_2017_RD0563_210_90_20170313_00091.jpg



Looking southwest at dense vegetation on landside toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	7.85	Rating **	M	Issue No.	13
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.160261 °	38.157625 °
				-121.585056 °	-121.586543 °
DWR ID	DWR_RD0563_01_s_2016_13				
Comment Code					
Inspector Comment					
1997 - Pockets of erosion into the levee toe. 1999 - Minor rock riprap and willow bundles place in a couple of spots. 2001 - Staked, low fascine walls at bankline. 2003 - Small unprotected pockets still eroding. 2004 - Numerous brush boxes, some falling apart, some with new bundles. 2005 - Some new brush boxes installed; some boxes are empty. Levee slope and banks still look bad with pocket scallops into the levee slopes. 2011 - Erosion continues and the number of pockets is increasing. 2013 - Some of the downstream end was repaired by the RD. 2015: Last observed in 2013. [2015 Site ID: GEO_4-3_L]					

Photo 1 of 1 : SP_2017_RD0563_210_13_20170313_00014.jpg



USACE 2013 Photo #1

LM Start	8.12	Rating **	M	Issue No.	40
LM End	8.59	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.156987 °	38.152919 °
				-121.587427 °	-121.591129 °
DWR ID	DWR_RD0563_01_s_2016_40				
Comment Code					
Inspector Comment					
1997 - Pockets of erosion into the levee at the water line. Alders are being undercut and rotating out into the channel. Damaged rock at upstream end. 2000 - New minor erosion. 2001 - Staked low fascine walls at bankline. 2002 - New "Brush Boxes" along the bank toe. 2003 - New erosion pockets in the middle of the site. 2005 - Some new bundles in the brush boxes. 2011 - Site upgraded to CRITICAL. Significant new erosion. Sites 3.6, 3.7, 3.71, and 4.0 were combined. 2012 - Rock has been placed in some of the erosion pockets since last year, however site remains critical. 2013 - Site no longer critical. The worst pockets were filled with rock by the local RD. 2015: Last observed in 2013. [2015 Site ID: GEO_3-8_L]					

Photo 1 of 1 : SP_2017_RD0563_210_40_20170313_00033.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	8.18	Rating **	U	Issue No.	767	
LM End	8.18	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.156878 °		38.156878 °
				-121.588505 °		-121.588505 °
DWR ID	DWR_RD0563_01_s_2015_767					
Comment Code						
V2 : Remove the wild growth other than native grasses from the levee slopes.						
Inspector Comment						
Dead dense vegetation blocking landward toe.						

Photo 1 of 2 : SP_2017_RD0563_210_767_20170316_00259.jpg



Looking south at dead vines at landward toe. (Spring 2017)

LM Start	8.18	Rating **	U	Issue No.	767 (cont)
LM End	8.18	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_767_20170313_00151.jpg



Looking east at dense wild vines at landward toe. (Fall 2016)

LM Start	8.38	Rating **	U	Issue No.	31
LM End	8.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.155974 °	38.155543 °
				-121.591452 °	-121.591595 °
DWR ID	DWR_RD0563_01_s_2012_31				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_31_20170313_00026.jpg



Looking southeast at untrimmed trees on landward slope and toe.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	9.04	Rating **	C	Issue No.	166
LM End	11.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.148174 °	38.130734 °
				-121.586156 °	-121.579887 °
DWR ID	DWR_RD0563_01_s_2016_166				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					

No Photos

LM Start	9.25	Rating **	M	Issue No.	106
LM End	9.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.145909 °	38.145909 °
				-121.588198 °	-121.588198 °
DWR ID	DWR_RD0563_01_f_2013_106				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	9.25	Rating **	U	Issue No.	768
LM End	9.25	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.145897 °	38.145897 °
				-121.588203 °	-121.588203 °
DWR ID	DWR_RD0563_01_s_2015_768				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_768_20170313_00152.jpg



Looking at untrimmed tree on landward slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	9.28	Rating **	U	Issue No.	98
LM End	9.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.145825 °	38.145825 °
				-121.588807 °	-121.588807 °
DWR ID	DWR_RD0563_01_s_2013_98				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_98_20170313_00099.jpg



Looking southeast at untrimmed trees on landward slope.

LM Start	9.36	Rating **	U	Issue No.	769
LM End	9.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.146276 °	38.147034 °
				-121.590189 °	-121.590907 °
DWR ID	DWR_RD0563_01_s_2015_769				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_769_20170313_00153.jpg



Looking east at dense vegetation at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	9.64	Rating **	M	Issue No.	36
LM End	9.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.149790 °	38.149790 °
				-121.592788 °	-121.592788 °
DWR ID	DWR_RD0563_01_s_2012_36				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					
Vegetation blocking view of levee slope.					

Photo 1 of 1 : SP_2017_RD0563_210_36_20170313_00030.jpg



Looking south at elderberry on landward slope.

LM Start	9.65	Rating **	M	Issue No.	99
LM End	9.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.149905 °	38.149905 °
				-121.592910 °	-121.592910 °
DWR ID	DWR_RD0563_01_s_2013_99				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Finger erosion on landward shoulder and slope.					

Photo 1 of 2 : SP_2017_RD0563_210_99_20170313_00100.jpg



Looking west at minor erosion on landward shoulder and slope.

LM Start	9.65	Rating **	M	Issue No.	99 (cont)
LM End	9.65	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_99_20170313_00101.jpg



Looking north at minor erosion on landward shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	9.73	Rating **	M	Issue No.	41
LM End	9.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.150820 °	38.150647 °
				-121.593650 °	-121.596858 °
DWR ID	DWR_RD0563_01_s_2016_41				
Comment Code					
Inspector Comment					
1997 - Erosion pockets into the toe of the levee. 2001 - Staked low fascine walls at the bankline. 2004 - Numerous "Brush Boxes." 2005 - Some new bundles in the brush boxes. 2012 - Site extended downstream to account for new bank sloughing. 2013 - Some rock added to the upstream end by the local RD. 2015: Last observed in 2013. [2015 Site ID: GEO_2-5_L]					

Photo 1 of 1 : SP_2017_RD0563_210_41_20170313_00034.jpg



USACE 2013 Photo #1

LM Start	10.45	Rating **	M	Issue No.	43
LM End	10.74	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.143519 °	38.139918 °
				-121.599677 °	-121.596986 °
DWR ID	DWR_RD0563_01_s_2016_43				
Comment Code					
Inspector Comment					
1997 - Old damaged rock riprap along the toe. 1999 - Downstream end (400 ft) repaired with rock. 2002 - New rock/concrete rubble section on the downstream end. 2004 - Small pocket repairs at the downstream end. 2005 - Some new bundles in the brush boxes. 2012 - Some rock has been placed in last year. 2015: Last observed in 2013. [2015 Site ID: GEO_1-7_L]					

Photo 1 of 1 : SP_2017_RD0563_210_43_20170313_00036.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	10.54	Rating **	U	Issue No.	77
LM End	10.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.142537 °	38.141362 °
				-121.598535 °	-121.597598 °
DWR ID	DWR_RD0563_01_s_2012_77				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Several rodent holes and rodents noted at this site.					

LM Start	10.54	Rating **	U	Issue No.	77 (cont)
LM End	10.64	Issue Type +	Ma	Location *	LS

Photo 1 of 5 : SP_2017_RD0563_210_77_20170313_00068.jpg



Looking at typical rodent hole on landward slope. (Spring 2016)

Photo 2 of 5 : SP_2017_RD0563_210_77_20170313_00069.jpg



Looking southeast at several rodent holes on landward slope.

LM Start	10.54	Rating **	U	Issue No.	77 (cont)
LM End	10.64	Issue Type +	Ma	Location *	LS

Photo 3 of 5 : SP_2017_RD0563_210_77_20170313_00070.jpg



Looking south at several rodent holes on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	10.54	Rating **	U	Issue No.	77 (cont)	
LM End	10.64	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Animal Control			38.142537 °	38.141362 °	
				-121.598535 °	-121.597598 °	
DWR ID	DWR_RD0563_01_s_2012_77					
Comment Code						
A1 : Exterminate rodents and backfill and compact or grout burrows.						
Inspector Comment						
Several rodent holes and rodents noted at this site.						

Photo 4 of 5 : SP_2017_RD0563_210_77_20170313_00071.jpg



Looking at typical rodent holes on landward slope.

LM Start	10.54	Rating **	U	Issue No.	77 (cont)
LM End	10.64	Issue Type +	Ma	Location *	LS

Photo 5 of 5 : SP_2017_RD0563_210_77_20170316_00261.jpg



Looking at typical rodent hole along this reach. (Spring 2017)

LM Start	10.59	Rating **	M	Issue No.	76
LM End	10.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.141940 °	38.141940 °
				-121.598033 °	-121.598033 °
DWR ID	DWR_RD0563_01_s_2012_76				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Deep depression on landside shoulder and slope; possible pipe collapse.					

Photo 1 of 4 : SP_2017_RD0563_210_76_20170313_00064.jpg



Looking northeast a depression on landside shoulder and slope above 10" irrigation pipe four feet below crown.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	10.59	Rating **	M	Issue No.	76 (cont)	
LM End	10.59	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.141940 °		38.141940 °
				-121.598033 °		-121.598033 °
DWR ID	DWR_RD0563_01_s_2012_76					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Deep depression on landside shoulder and slope; possible pipe collapse.						

Photo 2 of 4 : SP_2017_RD0563_210_76_20170313_00065.jpg



Looking east at water ponding at landside toe just above 10" irrigation pipe.

LM Start	10.59	Rating **	M	Issue No.	76 (cont)
LM End	10.59	Issue Type +	Ma	Location *	LS

Photo 3 of 4 : SP_2017_RD0563_210_76_20170313_00066.jpg



Looking west at depression on landside shoulder and slope from landside toe.

LM Start	10.59	Rating **	M	Issue No.	76 (cont)
LM End	10.59	Issue Type +	Ma	Location *	LS

Photo 4 of 4 : SP_2017_RD0563_210_76_20170313_00067.jpg



Looking west at depression on landside shoulder and slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	10.67	Rating **	U	Issue No.	100
LM End	10.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.140886 °	38.139079 °
				-121.597280 °	-121.596214 °
DWR ID	DWR_RD0563_01_s_2013_100				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Wild rose or grape vines on landward slope and toe.					

Photo 1 of 3 : SP_2017_RD0563_210_100_20170313_00102.jpg



Looking northeast at dense vegetation at landward toe. (Spring 2015)

LM Start	10.67	Rating **	U	Issue No.	100 (cont)
LM End	10.81	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2017_RD0563_210_100_20170313_00103.jpg



Looking south at dense vegetation at landward toe. (Fall 2014)

LM Start	10.67	Rating **	U	Issue No.	100 (cont)
LM End	10.81	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_RD0563_210_100_20170313_00104.jpg



Looking south at additional dense vegetation at landward toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	10.74	Rating **	M	Issue No.	172
LM End	10.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.139994 °	38.139994 °
				-121.596717 °	-121.596717 °
DWR ID	DWR_RD0563_01_f_2016_172				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole on levee shoulder.					

No Photos

LM Start	11.01	Rating **	U	Issue No.	770
LM End	12.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.136623 °	38.130739 °
				-121.594216 °	-121.579678 °
DWR ID	DWR_RD0563_01_s_2015_770				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dead dense veg (wildroses) at landward toe.					

Photo 1 of 2 : SP_2017_RD0563_210_770_20170316_00262.jpg



Looking northeast at dead vines at landward toe. (Spring 2017)

LM Start	11.01	Rating **	U	Issue No.	770 (cont)
LM End	12.00	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : SP_2017_RD0563_210_770_20170313_00154.jpg



Looking southeast at dense vegetation at landward toe. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	11.45	Rating **	M	Issue No.	91
LM End	11.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.131943 °	38.131943 °
				-121.588912 °	-121.588912 °
DWR ID	DWR_RD0563_01_s_2012_91				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 3 : SP_2017_RD0563_210_91_20170313_00092.jpg



Looking east at rodent hole on landside slope.

LM Start	11.45	Rating **	M	Issue No.	91 (cont)
LM End	11.45	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : SP_2017_RD0563_210_91_20170313_00093.jpg



Looking west at rodent hole on landside slope.

LM Start	11.45	Rating **	M	Issue No.	91 (cont)
LM End	11.45	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : SP_2017_RD0563_210_91_20170313_00094.jpg



Looking south at rodent holes on landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	11.51	Rating **	M	Issue No.	42
LM End	11.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.131126 °	38.130368 °
				-121.588337 °	-121.582266 °
DWR ID	DWR_RD0563_01_s_2016_42				
Comment Code					
Inspector Comment					
1997 - Erosion pockets into the levee toe. 1999 - Some small pockets fixed with rock riprap. 2002 - New "brush boxes" along the bank toe. 2005 - Brush boxes are empty. Some pockets are filled with new stone. 2006 - Some new rock at the downstream end (~100 ft long). Several small pockets of new rock in scallops. Brush boxes in poor to fair condition. 2010 - Site looks a little worse, some toe rock but still has erosion scars at lower to mid slope. 2011 - Site upgraded to CRITICAL. Significant new erosion. Erosion scallops are vertical and almost the height of the levee. 2012 - Rock has been placed in some of the erosion scallops and therefore the site is no longer critical. 2013 - Site shortened site. The downstream half of site was repaired by RD. Pipe no longer in site limits. 2015: Last observed in 2013. [2015 Site ID: GEO_0-3_L]					

Photo 1 of 1 : SP_2017_RD0563_210_42_20170313_00035.jpg



USACE 2013 Photo #1

LM Start	12.00	Rating **	A/W	Issue No.	804
LM End	12.00	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130726 °	38.130726 °
				-121.579646 °	-121.579646 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15027 DS_ID:20172 EP_NO: 11213 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drain pipe through the levee 1.0-foot below the crown. Pump on landward side. Siphon breaker on waterward shoulder (ABO No. 11213, 1971). Originally included in the 1954 O&M manual. FS Date: 6/13/2013					

Photo 1 of 3 : UCIP_SP_2017_15027_24731.jpg



Pump and pipes off LS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	12.00	Rating **	A/W	Issue No.	804 (cont)
LM End	12.00	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130726 °	38.130726 °
				-121.579646 °	-121.579646 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15027 DS_ID:20172 EP_NO: 11213 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 20-inch steel drain pipe through the levee 1.0-foot below the crown. Pump on landward side. Siphon breaker on waterward shoulder (ABO No. 11213, 1971). Originally included in the 1954 O&M manual. FS Date: 6/13/2013					

Photo 2 of 3 : UCIP_SP_2017_15027_24730.jpg



20-inch pipe on LS toe.

LM Start	12.00	Rating **	A/W	Issue No.	804 (cont)
LM End	12.00	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_15027_24729.jpg



Pipe and siphon breaker on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	12.00	Rating **	M	Issue No.	805
LM End	12.00	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.130730 °	38.130730 °
				-121.579616 °	-121.579616 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:15028 DS_ID:20182 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Verify pipe is properly abandoned. FIELD_STRUCT_DESC: *REMOVED* 1 of 2: 36-inch pipe through the levee 4-feet below the crown. Shut-off valve at pump. Pipe visible on WS at headwall. Originally included in the 1954 O&M manual. Replaced by a 30-inch pipe under Permit No. 2635. FS Date: 6/13/2013					

Photo 1 of 2 : UCIP_SP_2017_15028_24736.jpg



Pipe at concrete headwall on WS slope.

LM Start	12.00	Rating **	M	Issue No.	805 (cont)
LM End	12.00	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : UCIP_SP_2017_15028_24735.jpg



Pipe at concrete headwall on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0563 Tyler Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Georgiana Slough (Tyler Island)	Left	12.11	03/14/2017 03/16/2017	Richard Willoughby

LM Start	12.03	Rating **	M	Issue No.	107
LM End	12.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.130776 °	38.130776 °
				-121.579063 °	-121.579063 °
DWR ID	DWR_RD0563_01_f_2013_107				
Comment Code					
GA : Garbage					
Inspector Comment					
Garbage on waterward shoulder.					

Photo 1 of 1 : SP_2017_RD0563_210_107_20170316_00263.jpg



Looking southeast at garbage on waterward shoulder and slope.

LM Start	12.04	Rating **	M	Issue No.	47
LM End	12.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.130758 °	38.130758 °
				-121.579027 °	-121.579027 °
DWR ID	DWR_RD0563_01_s_2012_47				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : SP_2017_RD0563_210_47_20170313_00040.jpg



Looking east at untrimmed tree at landward slope. (Spring 2015)

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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